

Titles of most frequently occurring classifications of patents returned
from a search of 10769028 on Sep 18 , 2007

11 707/6 (7 OR, 4 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/1 .DATABASE OR FILE ACCESSING
707/3 ..Query processing (i.e., searching)
707/6 ...Pattern matching access

8 707/E17.039 (0 OR, 8 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)
707/E17.033 ..Processing unordered data (EPO)
707/E17.039 ...Sequential access, e.g., string matching, etc. (EPO)

8 707/E17.041 (0 OR, 8 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)
707/E17.033 ..Processing unordered data (EPO)
707/E17.039 ...Sequential access, e.g., string matching, etc. (EPO)
707/E17.041Comparing simultaneously a plurality of search arguments
with a simple file data, finite state machine (EPO)

5 707/3 (2 OR, 3 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/1 .DATABASE OR FILE ACCESSING
707/3 ..Query processing (i.e., searching)

5 382/190 (2 OR, 3 XR)
Class 382 IMAGE ANALYSIS
382/181 .PATTERN RECOGNITION
382/190 ..Feature extraction

5 341/106 (2 OR, 3 XR)
Class 341 CODED DATA GENERATION OR CONVERSION
341/50 .DIGITAL CODE TO DIGITAL CODE CONVERTERS
341/106 ..Coding by table look-up techniques

5 707/5 (1 OR, 4 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/1 .DATABASE OR FILE ACCESSING
707/3 ..Query processing (i.e., searching)
707/5 ...Query augmenting and refining (e.g., inexact access)

5 715/533 (3 OR, 2 XR)
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
715/500 .PRESENTATION PROCESSING OF DOCUMENT
715/530 ..Edit, composition, or storage control
715/531 ...Text
715/533Spell check

4 341/51 (3 OR, 1 XR)
Class 341 CODED DATA GENERATION OR CONVERSION
341/50 .DIGITAL CODE TO DIGITAL CODE CONVERTERS
341/51 ..Adaptive coding

3 707/101 (1 OR, 2 XR)
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
 STRUCTURES
 707/100 .DATABASE SCHEMA OR DATA STRUCTURE
 707/101 ..Manipulating data structure (e.g., compression,
 compaction, compilation)

3 715/517 (0 OR, 3 XR)
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
 OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
 715/500 .PRESENTATION PROCESSING OF DOCUMENT
 715/517 ..Layout

3 715/510 (0 OR, 3 XR)
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
 OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
 715/500 .PRESENTATION PROCESSING OF DOCUMENT
 715/509 ..Table
 715/510 ...Ruled lines

3 382/218 (1 OR, 2 XR)
 Class 382 IMAGE ANALYSIS
 382/181 .PATTERN RECOGNITION
 382/209 ..Template matching (e.g., specific devices that determine
 the best match)
 382/217 ...Electronic template
 382/218Comparator

3 382/229 (1 OR, 2 XR)
 Class 382 IMAGE ANALYSIS
 382/181 .PATTERN RECOGNITION
 382/229 ..Context analysis or word recognition (e.g., character
 string)

2 704/231 (2 OR, 0 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/231 ..Recognition

2 704/E15.014 (0 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/E15.001 .SPEECH RECOGNITION (EPO)
 704/E15.014 ..Speech classification or search (EPO)

2 340/146.2 (1 OR, 1 XR)
 Class 340 COMMUNICATIONS: ELECTRICAL
 340/146.2 .DIGITAL COMPARATOR SYSTEMS

2 715/506 (0 OR, 2 XR)
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
 OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
 715/500 .PRESENTATION PROCESSING OF DOCUMENT
 715/505 ..Form
 715/506 ...Form creation

2 382/176 (2 OR, 0 XR)
 Class 382 IMAGE ANALYSIS
 382/173 .IMAGE SEGMENTATION
 382/176 ..Distinguishing text from other regions

2 712/E9.02 (0 OR, 2 XR)

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Class 712 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
PROCESSING ARCHITECTURES AND INSTRUCTION PROCESSING (E.G., PROCESSORS)
712/E9.001 .ARRANGEMENTS FOR PROGRAM CONTROL, E.G., CONTROL UNIT (EPO)
712/E9.003 ..Using stored program, i.e., using internal store of
processing (EPO)
712/E9.016 ...Arrangements for executing machine-instructions, e.g.,
instruction decode (EPO)
712/E9.02For comparing (EPO)

2 341/50 (0 OR, 2 XR)
Class 341 CODED DATA GENERATION OR CONVERSION
341/50 .DIGITAL CODE TO DIGITAL CODE CONVERTERS

2 707/E17.012 (0 OR, 2 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)
707/E17.011 ..Processing chained data, e.g., graphs, linked lists, etc.
(EPO)
707/E17.012 ...Trees (EPO)

2 707/102 (2 OR, 0 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/100 .DATABASE SCHEMA OR DATA STRUCTURE
707/102 ..Generating database or data structure (e.g., via user
interface)

2 715/513 (0 OR, 2 XR)
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
715/500 .PRESENTATION PROCESSING OF DOCUMENT
715/513 ..Structured document (e.g., HTML, SGML, ODA, CDA)

2 715/532 (1 OR, 1 XR)
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
715/500 .PRESENTATION PROCESSING OF DOCUMENT
715/530 ..Edit, composition, or storage control
715/531 ...Text
715/532Dictionary

2 704/243 (1 OR, 1 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/231 ..Recognition
704/243 ...Creating patterns for matching

2 712/E9.019 (0 OR, 2 XR)
Class 712 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
PROCESSING ARCHITECTURES AND INSTRUCTION PROCESSING (E.G., PROCESSORS)
712/E9.001 .ARRANGEMENTS FOR PROGRAM CONTROL, E.G., CONTROL UNIT (EPO)
712/E9.003 ..Using stored program, i.e., using internal store of
processing (EPO)
712/E9.016 ...Arrangements for executing machine-instructions, e.g.,
instruction decode (EPO)
712/E9.019Controlling single bit operations (EPO)

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Original Classifications

7 707/6
3 341/51
3 715/533
2 704/231
2 707/3
2 382/190
2 382/176
2 341/106
2 707/102

Cross-Reference Classifications

8 707/E17.039
8 707/E17.041
4 707/6
4 707/5
3 707/3
3 382/190
3 715/517
3 715/510
3 341/106
2 704/E15.014
2 707/101
2 715/506
2 712/E9.02
2 341/50
2 707/E17.012
2 715/513
2 715/533
2 382/218
2 382/229
2 712/E9.019

Combined Classifications

11 707/6
8 707/E17.039
8 707/E17.041
5 707/3
5 382/190
5 341/106
5 707/5
5 715/533
4 341/51
3 707/101
3 715/517
3 715/510
3 382/218
3 382/229
2 704/231
2 704/E15.014
2 340/146.2
2 715/506
2 382/176
2 712/E9.02
2 341/50
2 707/E17.012
2 707/102
2 715/513
2 715/532

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2 704/243
2 712/E9.019